

## CLAIMS

1. An information process apparatus that manages data recorded on a record medium, comprising:
  - information obtainment means for obtaining reproduction information necessary to reproduce the data when the data are recorded;
  - generation means for generating a first management file with which the data are managed for each piece thereof, the first management file describing the reproduction information obtained by the information obtainment means and an identifier that uniquely identifies the data; and
  - registration means for registering management information of the data composed of the reproduction information obtained by the information obtainment means, the identifier of the data, and information that represents the recorded position of the data to a second management file with which the data recorded on the record medium are totally managed.
- 20 2. The information process apparatus as set forth in claim 1,
  - wherein the registration means adds the management information of the data to the last end of the second management file.
- 25 3. The information process apparatus as set forth in claim 1, further comprising:
  - reproduction means for reproducing the data

according to the first management file or the second management file.

4. The information process apparatus as set forth in claim 1, further comprising:

5 successive reproduction means for successively reproducing all the data recorded on the record medium according to the first management file or the second management file.

10 5. An information process method of managing data recorded on a record medium, comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded;

15 generating a first management file with which the data are managed for each piece thereof, the first management file describing the reproduction information obtained by a process of information obtainment step and an identifier that uniquely identifies the data; and

20 25 registering management information of the data composed of the reproduction information obtained by the process of the information obtainment step, the identifier of the data, and information that represents the recorded position of the data to a second management file with which the data recorded on the record medium are totally managed.

6. A program record medium on which a computer

readable program is recorded, the program causing a computer to perform an information process that manages data recorded on a record medium, the program comprising the steps of:

5                   obtaining reproduction information necessary to reproduce the data when the data are recorded; generating a first management file with which the data are managed for each piece thereof, the first management file describing the reproduction information obtained by a process of information obtainment step and an identifier that uniquely identifies the data; and

10                  registering management information of the data composed of the reproduction information obtained by the process of the information obtainment step, the identifier of the data, and information that represents the recorded position of the data to a second management file with which the data recorded on the record medium are totally managed.

15                  7. A program that causes a computer to perform an information process that manages data recorded on a record medium, the program comprising the steps of:

20                  obtaining reproduction information necessary to reproduce the data when the data are recorded; generating a first management file with which the data are managed for each piece thereof, the first management file describing the reproduction information

obtained by a process of information obtainment step  
and an identifier that uniquely identifies the data;  
and

registering management information of the  
5 data composed of the reproduction information obtained  
by the process of the information obtainment step, the  
identifier of the data, and information that represents  
the recorded position of the data to a second  
management file with which the data recorded on the  
10 record medium are totally managed.